RefSet CreateUpload – Vulcan Lava Script

Vulcan Lava Script to Create and Upload Files (GSI and/or Leica Database) to a Memory Card for the Automatic Reference Line and Stakeout Program - RefSet Viva

Note: This version only works with **RefSet Viva v2.5** and above

User Manual

Version 1.2

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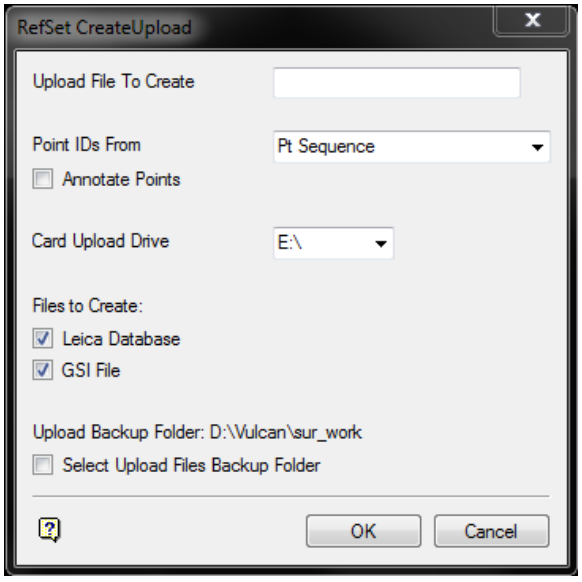
1. Lava Script Installation in Vulcan

- Open the **RefSet_Create_Upload_LavaScript_v1.2.zip** file and extract the **create_upload.lava** file and the **create_upload_programs** folder to your Vulcan Work Area folder on the hard drive
- Note: Make sure the **create_upload_programs** folder is a subfolder of the folder where the **create_upload.lava** file is located
- To run the lava script in Vulcan select *File* then select *Lava…* then select the *Script name* (*create_upload.lava***)** in the *Enter script to run* screen and then press **OK**, if the lava script does not appear in the list then make sure that the lava script was copied correctly to the Vulcan work area in which you are working

2. Using the Create Upload Vulcan Lava Script

- When the lava script is started the start menu screen will be shown

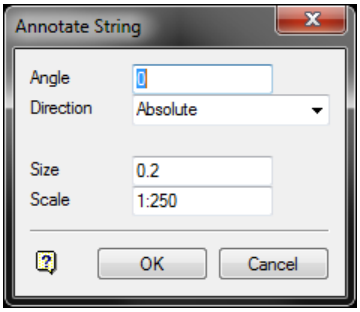


Start Menu Screen

- Enter the name of the upload file in the *Upload File To Create* box
- In the *Point IDs From* selection box select either to set the upload file point IDs from the Object *Pt Sequence* or the *Point Name*
- To display the Point IDs on the screen when the upload objects are selected then select the *Annotate Points* button
- Select the drive letter of the memory card in the *Card Upload Drive* selection box
  Note: Make sure the memory card is inserted before starting the lava script
- Select the *Files To Create* (any combination of files can be selected)

- To select the folder where a backup copy of the gsi files are saved then select the *Select Upload Files Backup Folder* button
- Press **OK**

- If the *Select Upload Files Backup Folder* button is checked then a folder selection screen will appear, navigate to the folder to set and then Press **OK**
- If the *Annotate Points* button is checked the following screen will appear



Annotate Points Screen

- Enter the *Angle* for the annotation text and select *Absolute* or *Relative* to set the text direction based on the screen direction (Absolute) or the upload object direction (Relative), then enter the *Size* and *Scale* of the font and Press **OK**

- Select the object/s or layer/s to add to the upload file/s then right click
- Check that the memory card is connected to the computer and press **OK** on the *Check Connected* screen
- The file/s will then be copied to the memory card
- When the file/s have been copied the lava script will check that the file/s are now on the memory card and if the file/s do not exist a warning screen will appear
- If the Leica database is not created then see Visual C++ Runtime Libraries below for instructions on how to fix this

3. Visual C++ Runtime Libraries

- If after installation the Leica database program does not work then the **Visual C++ Runtime Libraries** may need to be installed on the computer
- To do this open the **RefSet_Create_Upload_LavaScript_v1.2.zip** file and extract the **vcredist_x86** folder to the hard drive and then run the **vcredist_x86.exe** program to install the **Visual C++ Runtime Libraries**
- Alternatively go to http://support.microsoft.com/kb/2019667 and download and install the latest version of the **Visual C++ Redistributable Package** suitable for the computer